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| PROJECT CALENDAR page 1 | | | | | | |
| **project: Demographic Changes** | | | **Time Frame: 3 weeks** | | | |
|  | | | | | | |
| MONDAY | TUESDAY | WEDNESDAY | | THURSDAY | | FRIDAY |
| **PROJECT WEEK ONE** | | | | | | |
| Notes | | | | | | |
| Algebra 2: Do the M&M activity to measure and graph exponential decay. Discuss the project overview.  US History: evaluate the population pyramids of various countries. Discuss the project overview.  Ecology: Compare US population trends with other countries. |  | Algebra 2: Online research into demographic trends. Investigations with data and looking for patterns.  U.S. History: Form teams and discuss team contract. Online research to find data on changes in population characteristics.  Ecology: Discuss environmental factors that influence population. | |  | | Algebra 2: Use graphing calculators to perform regression with data.  US History: Discuss major trends in population trends and implications.  Ecology: Class time to work on project to compare developed and undeveloped countries with regard to population trends. |
| **PROJECT WEEK TWO** | | | | | | |
| **Notes** | | | | | | |
|  | Algebra 2: Explore linear vs. exponential functions. Fish population experiment using online simulation.  US History: Each student select an area of focus for their individual research into population changes.  Ecology: Class time to work on project to compare developed and undeveloped countries with regard to population trends. |  | | Algebra 2: Analyze collected data. Fit exponential function to model change. Prepare graphs and charts to represent data findings.  US History: Teams work to prepare presentations.  Ecology: Final powerpoint presentations due. | |  |
| project: | | | | | page 2 | |
|  | | | | | | |
| MONDAY | TUESDAY | WEDNESDAY | | THURSDAY | | FRIDAY |
| **PROJECT WEEK THREE** | | | | | | |
| Notes | | | | | | |
| Algebra 2: Students present models and graphs in class and give peer review. Project reflection.  US History: Teams work to prepare presentations. |  | US History: Final presentations due. | |  | | US History: Final presentations due. Project reflection. |
| **PROJECT WEEK FOUR** | | | | | | |
| Notes | | | | | | |
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